

Unit 2 Whole Numbers – Practice Test

Part A

1. Write each number in standard form.

a) $500\,000 + 9\,000 + 40 + 8$

b) six hundred forty eight thousand five

c) $80\,000 + 6\,000 + 400 + 90 + 2$

2. Order the numbers in question 1 from **least** to **greatest**.
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3. Write the value of each underlined digit.

a) 38 428 _____ b) 472 932 _____ c) 406 672 _____

d) 1 000 000 _____ e) 43 143 _____ f) 765 840 _____

4. Write 3 numbers that are greater than 775 000 and less than 777 500.
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Write the numbers in order from **least** to **greatest**.

Part B

5. Estimate 67 794 to:

the closest thousand _____

the closest ten thousand _____

6. Estimate each sum or difference. Show your work.

a) $2942 + 1492$ _____

b) $5623 - 467$ _____

c) $46\,135 + 28\,412$ _____

d) $72\,670 - 31\,995$ _____

e) $58\,309 + 4859$ _____

f) $98\,530 - 16\,899$ _____

7. Add or subtract. How do you know that your answer is reasonable?

a) $64\,378 + 27\,123 =$

b) $45\,890 - 15\,675 =$

Part C

8. a) Arrange the digits 3, 8, 9, 1, 5, 2 to make a 6-digit number.

Use each digit only once.

What is the greatest number you can make? The least number?

- b) Estimate the sum and difference of the numbers you made.

9. Concert tickets were sold for the Fall Festival.

On the first day 25 725 concert tickets were sold.

On the second day 29 528 concert tickets were sold.

a) On which day were more concert tickets sold? _____

How many more?

Estimate to check that your answers are reasonable.

b) How many tickets were sold on both days in total?

Estimate to check that your answers are reasonable.

c) How many more tickets do they need to sell on the third day
to reach the target sales of 60 000 tickets?

Estimate to check that your answers are reasonable.
